

MINIMUM WIRE SPECIFICATIONS:

SERVICE RUN: #8 COPPER THW STRANDED

POLE: #10 COPPER THW STRANDED

GROUND AND BONDING: #6 COPPER (BARE)

STREET LIGHTING ELECTRICAL DETAILS:

SEE CHULA VISTA CONSTRUCTION STANDARDS NO. 6, 7, 10, AND 11 FOR CONSTRUCTION DETAILS.

- 1) SYSTEM NEUTRAL AND GROUND/BONDING WIRE MUST BE SECURED TOGETHER WITH BRASS/COPPER APPROVED CONNECTION.
- (2) GROUND WIRE MUST BE SECURED TO ANCHOR BOLT WITH BRASS/COPPER GROUNDING CLAMP.
- (3) FUSETRON HEB-AA
 FUSEHOLDER TAPED
 (ELECTRICAL TAPE) AND
 "SCOTCHKOTED" AT
 CONNECTIONS
 (120 V.-SINGLE)(240 V.-DUAL).
- 4) 15 FEET OF #6 COPPER (BARE) GROUND WIRE TO BE INSTALLED 3" BELOW THE FOUNDATION AND EXTENDED THROUGH THE FOUNDATION TO THE GROUND WIRE @ NOTE 1.
- (5) GRAVEL BASE FOR PULL BOXES TO BE 6" DEEP AND 3" BEYOND THE EDGE OF THE PULL BOX. (SEE CVCS-11).
- (6) ALL CONNECTIONS ARE TO BE TAPED (ELECTRICAL TAPE) AND "SCOTCHKOTED".
- (7) IF RIGID CONDUIT IS USED, IT SHALL BE BONDED TO THE NEUTRAL AND THE GROUND WIRE.
- (8) IF 240 V. SYSTEM, GROUND WIRE IS REQUIRED.

Revised:	Original approval date: 12-30-85	CITY OF CHULA VISTA PUBLIC WORKS DEPARTMENT
i i	and the second s	STREET LIGHTING STANDARD CVCS
	CITY ENGINEER Date: 11-7-02	ELECTRICAL DETAILS 9